

02/08/02



JC961 U.S. PTO

02-11-02

EL 84405574 US

Please type a plus sign (+) inside this box → ☒

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Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	MI22-1943
First Inventor	David L. Dickerson
Title	Isolation Region Forming Methods
Express Mail Label No.	EL 84405574 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)  
See 37 CFR 1.27.
2. ☐ Applicant claims small entity status.
3. ☒ Specification  
(preferred arrangement set forth below) [Total Pages 39]
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure

4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 15]  
[Total Pages 4]
5. Oath or Declaration

- a. ☐ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- b. ☒ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.63(b).

6. ☐ Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1.76:  
☒ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Prior application information:

Examiner A. Maiof prior application No.: 09 146,838Group Art Unit: 2814

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label021567

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name

Address

City

Country

State

Telephone

Zip Code

Fax

Name (Print/Type)

D. Brent Kenady

Registration No. (Attorney/Agent)

40,045

Signature

[Signature]Date 2-8-02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

11046 U.S. PTO

10/071456

02/08/02

## Addendum

1. Check for \$740.00; Marked-Up Version Showing Changes; and Drawings filed with original Specification (pgs. 1-15).

10071455-020902  
2006020-55472007

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Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$ **740.00**)**Complete if Known**

Application Number **Priority 09/146,838**  
 Filing Date **Priority Sept. 3, 1998**  
 First Named Inventor **David L. Dickerson et al.**  
 Examiner Name **Priority A. Mai**  
 Group Art Unit **Priority 2814**  
 Attorney Docket No. **MI22-1943**

**METHOD OF PAYMENT (check all that apply)**

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None  
☒ Deposit Account:

Deposit Account Number **23-0925**  
 Deposit Account Name **Wells St. John P.S.**

The Commissioner is authorized to: (check all that apply)  
☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	740.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

**SUBTOTAL (1)** (\$ **740.00**)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims **20** - 20\*\* = **0** x **18** = **0**  
 Independent Claims **3** - 3\*\* = **0** x **84** = **0**  
 Multiple Dependent **---** = **0**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$ **0.00**)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	0.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	0.00
139 130	139 130	Non-English specification	0.00
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	0.00
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	0.00
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	0.00
115 110	215 55	Extension for reply within first month	0.00
116 400	216 200	Extension for reply within second month	0.00
117 920	217 460	Extension for reply within third month	0.00
118 1,440	218 720	Extension for reply within fourth month	0.00
128 1,960	228 980	Extension for reply within fifth month	0.00
119 320	219 160	Notice of Appeal	0.00
120 320	220 160	Filing a brief in support of an appeal	0.00
121 280	221 140	Request for oral hearing	0.00
138 1,510	138 1,510	Petition to institute a public use proceeding	0.00
140 110	240 55	Petition to revive - unavoidable	0.00
141 1,280	241 640	Petition to revive - unintentional	0.00
142 1,280	242 640	Utility issue fee (or reissue)	0.00
143 460	243 230	Design issue fee	0.00
144 620	244 310	Plant issue fee	0.00
122 130	122 130	Petitions to the Commissioner	0.00
123 50	123 50	Processing fee under 37 CFR 1.17(q)	0.00
126 180	126 180	Submission of Information Disclosure Stmt	0.00
581 40	581 40	Recording each patent assignment per property (times number of properties)	0.00
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	0.00
179 740	279 370	Request for Continued Examination (RCE)	0.00
169 900	169 900	Request for expedited examination of a design application	0.00
Other fee (specify) _____			0.00

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ **0.00**)**SUBMITTED BY**Name (Print/Type) **D. Brent Kenady**Signature 

Registration No. (Attorney/Agent)

**40,045**

Complete (if applicable)

Telephone

**(509) 624-4276**

Date

**2-8-02**

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Priority Application Serial No. .... 09/146,838  
 Priority Filing Date ..... September 3, 1998  
 Inventor ..... David L. Dickerson et al.  
 Assignee ..... Micron Technology, Inc.  
 Priority Group Art Unit ..... 2814  
 Priority Examiner ..... A. Mai  
 Attorney's Docket No. .... MI22-1943  
 TITLE: Isolation Region Forming Methods

Assistant Commissioner for Patents  
 Washington, D. C. 20231  
 Attention: Official Draftsman

2/ Formal  
 drawing  
 T. Steptoe  
 4-19

**SUBSTITUTE DRAWING REQUEST**

Please enter the enclosed substitute formal drawings in the above-referenced application in place of drawings originally filed. The content of the drawings are identical to those now on file in this application.

Acknowledgment of receipt of the formal drawings and their acceptance into the file is requested.

Respectfully submitted,

Date: 2-8-02

By:



D. Brent Kenady  
 Reg. No.: 40,045  
 CUSTOMER NO. 021567

Enclosures: 15 Sheets of Formal Drawings, Figs. 1-29.